

Title (en)
INTERCHANGEABLE UNIT FOR TEXTURING THE SURFACE OF A FLOOR AND ROAD CONSTRUCTION MACHINE WITH SUCH AN INTERCHANGEABLE UNIT

Title (de)
WECHSELAGGREGAT ZUR TEXTURIERENDEN BODENOBERFLÄCHENBEARBEITUNG UND STRASSENBAUMASCHINE MIT EINEM SOLCHEN WECHSELAGGREGAT

Title (fr)
UNITÉ DE REMPLACEMENT DESTINÉE AU TRAITEMENT TEXTURANT DE SURFACE DU SOL ET LA MACHINE DE CONSTRUCTION ROUTIÈRE DOTÉE D'UNE TELLE UNITÉ DE REMPLACEMENT

Publication
EP 3901373 B1 20220615 (DE)

Application
EP 21169374 A 20210420

Priority
DE 102020111311 A 20200424

Abstract (en)
[origin: CN113550218A] The invention relates to a replacement device for the stripping material processing of a floor starting from a ground surface for the physical and functional coupling of a machine frame of a road construction machine in a manner operated as specified, comprising: a housing; a stripping tool which is mounted on the housing so as to be rotatable about a working axis, and which has a circumferential section protruding from the working bore; a drive pulley which is rotatably mounted on the housing and can be coupled to the drive belt; and a transmission which transmits the torque and the rotational movement from the drive pulley to the stripping tool by reversing the rotational direction, at least the rotational axis of the drive pulley extending at a distance from the working axis. According to the invention, a working shaft assembly passes through a housing wall of the housing, the working shaft assembly connecting the stripping tool and a working transmission member arranged on a side of the housing wall facing away from the stripping tool for common co-rotation, and the transmission is arranged between the drive pulley and the working transmission member.

IPC 8 full level
E01C 19/43 (2006.01); **E01C 23/088** (2006.01)

CPC (source: CN EP US)
E01C 19/43 (2013.01 - CN EP); **E01C 23/088** (2013.01 - CN EP US); **E01C 23/127** (2013.01 - US); **E01C 23/0933** (2013.01 - US)

Cited by
EP4317588A1; DE102022119272A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3901373 A1 20211027; EP 3901373 B1 20220615; CN 113550218 A 20211026; CN 113550218 B 20230210; CN 215210410 U 20211217; DE 102020111311 A1 20211028; DE 102020111311 B4 20230727; US 11401665 B2 20220802; US 11926974 B2 20240312; US 2021332535 A1 20211028; US 2023018971 A1 20230119

DOCDB simple family (application)
EP 21169374 A 20210420; CN 202110419046 A 20210419; CN 202120798256 U 20210419; DE 102020111311 A 20200424; US 202117224846 A 20210407; US 202217876983 A 20220729